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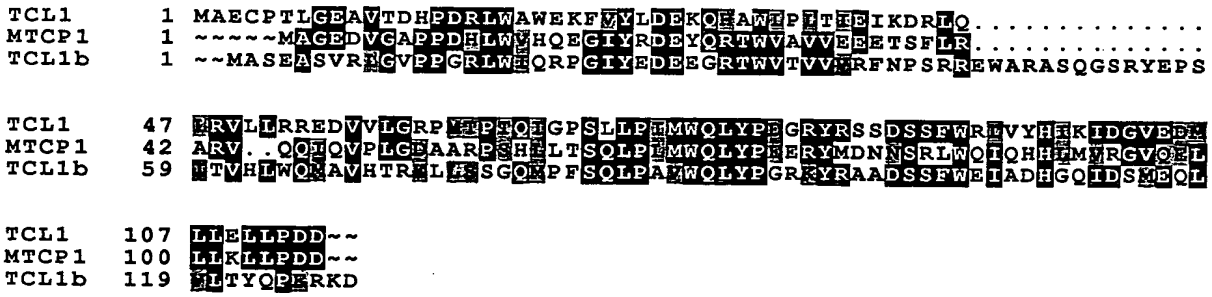
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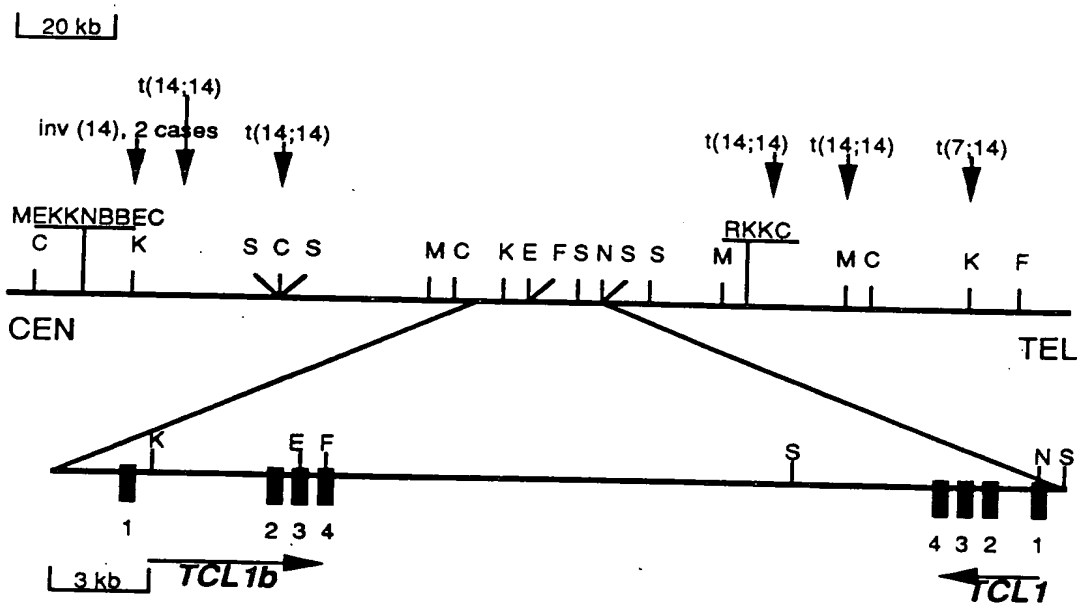
MTCP1 1 ~~~~~MAGEDVGAPPDHLWYHQEGIYRDEYQRTWVAVVEEETSFLR.....
TCL1b 1 ~~MASEASVREGVPPGRLWEQRPGIYEDEEGRTWVTVVERFNPSREWARASQGSRYEPS
TCL1 47 ERVLLRREDVVLGRPLTPTQIGPSLLPLMWQLYPEGRYRSSDSSFWRLVYHEKIDGVEDM
MTCP1 42 ARV..QQIQVPLGEAARPSHELTSQLPLMWQLYPEERYMDNNSRLWQIQHELMVRGVQEL
TCL1b 59 ETVHLWQMAVHTRELLESGQMPFSQLPALWQLYPGREYRAADSSFWEIADHGQIDSMEQL
TCL1 107 LLELLPDD~~
MTCP1 100 LLKLLPDD~~
TCL1b 119 ELTYQPERKD

Figure 1


20 kb
t(14;14)
inv (14), 2 cases
t(14;14)
t(14;14)
t(14;14)
t(7;14)
MEKKNBBEC
C
K
S C S
M C K E F S N S S
RKKC
M
M C
K F
CEN
TEL
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E F
S
N S
1
2 3 4
4 3 2 1
3 kb
TCL1b
TCL1

Figure 2

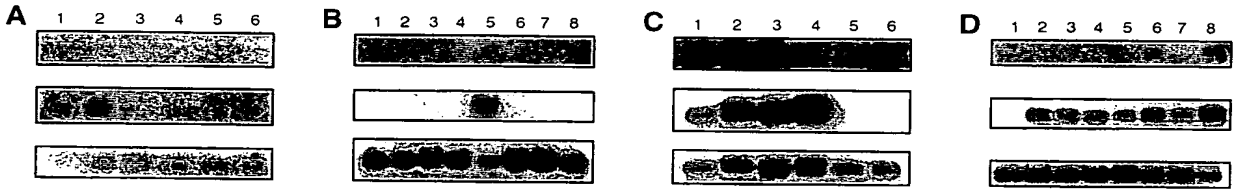

Figure 3

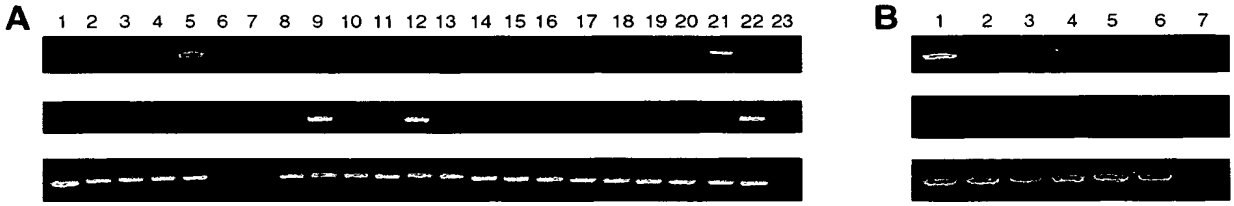

Figure 4

Docket No.: TJU-2862
App No.: Not Yet Assigned
Filed: Herewith
Title: TCL-1b Gene and Protein and Related Methods and Compositions
Inventors: Carlo Croce, et al.
Attorney: Tara L. Rachinsky
Phone: (215) 568-3100
Sheet 5 of 10

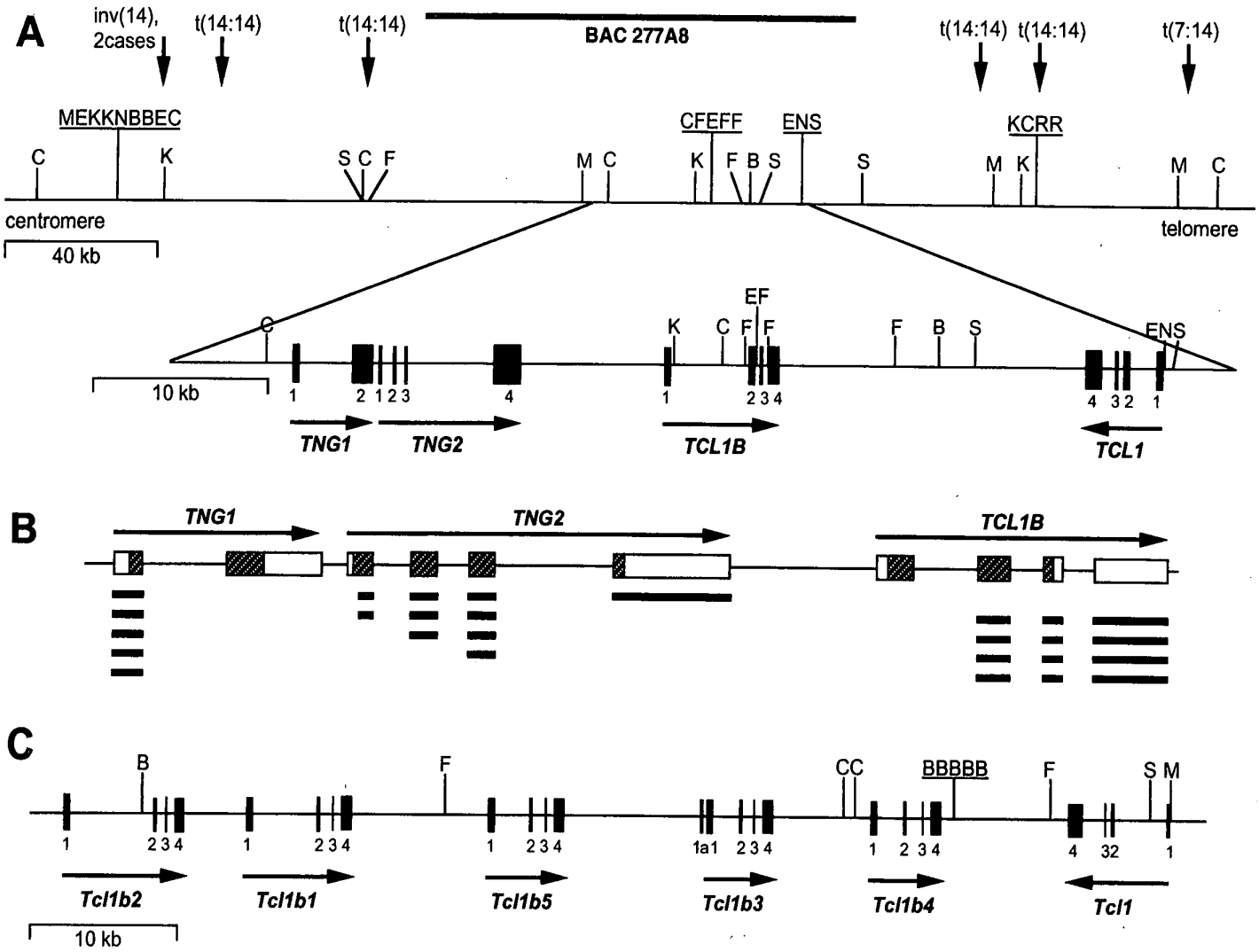

Figure 5

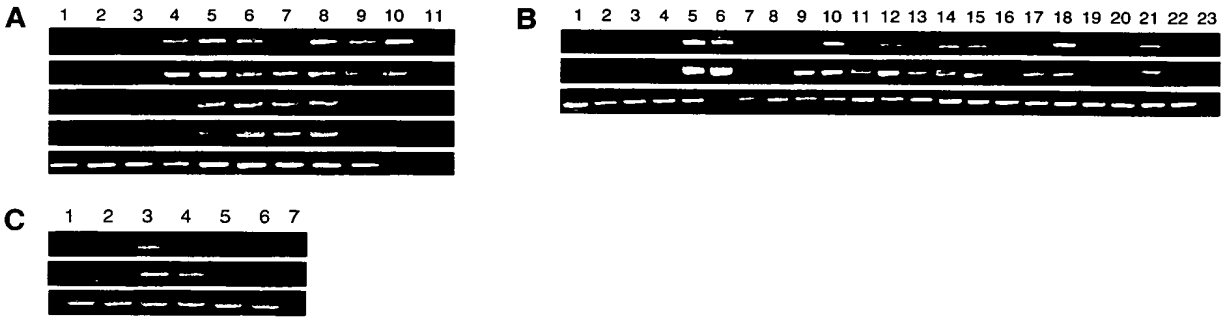
A
1 2 3 4 5 6 7 8 9 10 11
B
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
C
1 2 3 4 5 6 7

Figure 6

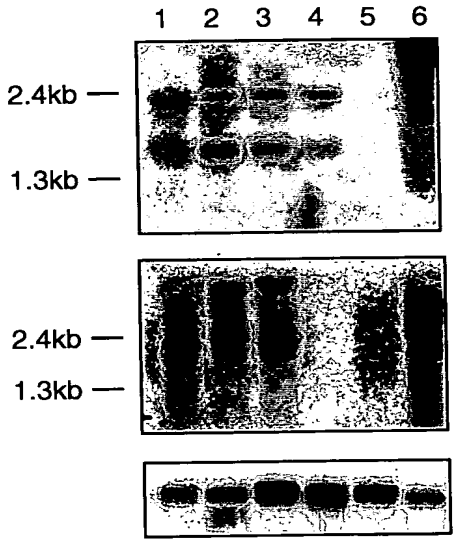

Figure 7

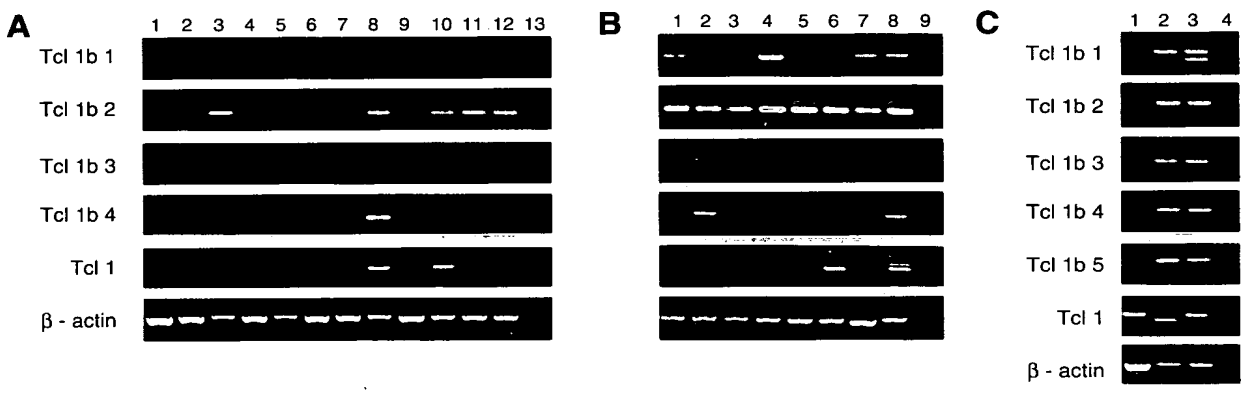
A
1 2 3 4 5 6 7 8 9 10 11 12 13
Tcl 1b 1
Tcl 1b 2
Tcl 1b 3
Tcl 1b 4
Tcl 1
β - actin
B
1 2 3 4 5 6 7 8 9
C
1 2 3 4
Tcl 1b 1
Tcl 1b 2
Tcl 1b 3
Tcl 1b 4
Tcl 1b 5
Tcl 1
β - actin

Figure 8

Docket No.: TJU-2862
App No.: Not Yet Assigned
Filed: Herewith
Title: TCL-1b Gene and Protein and Related Methods and Compositions
Inventors: Carlo Croce, et al.
Attorney: Tara L. Rachinsky
Phone: (215) 568-3100
Sheet 9 of 10

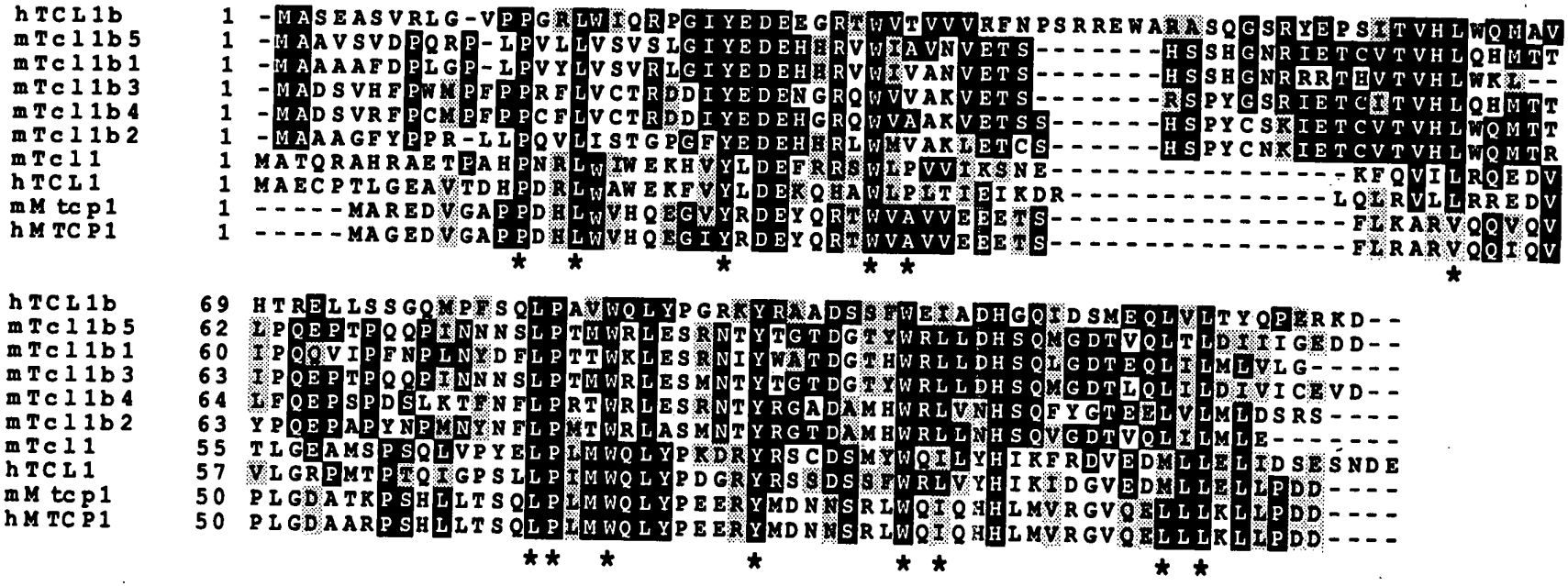

Figure 9

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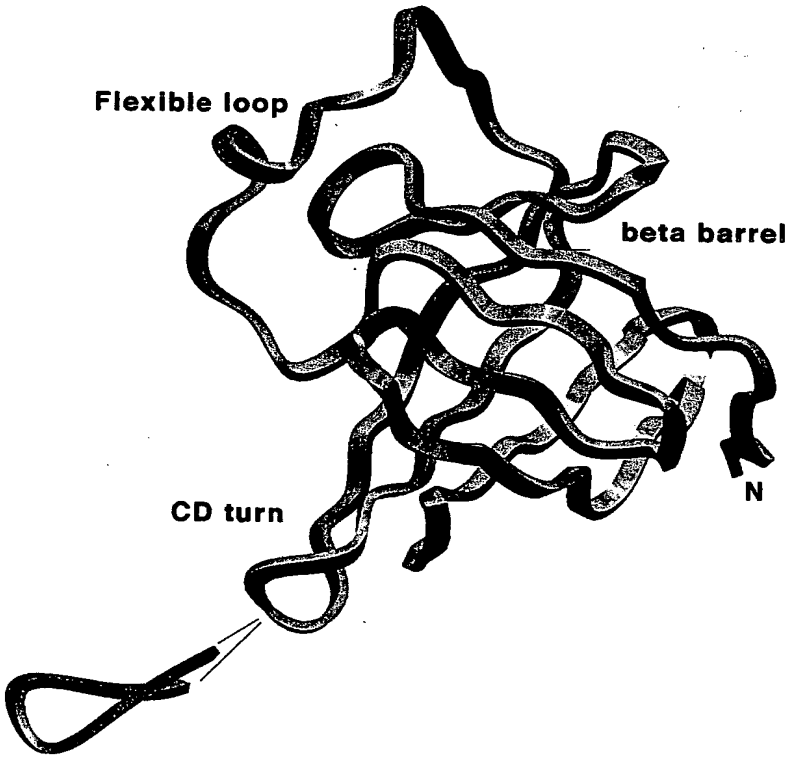

Figure 10